

# Silane, dimethyl(dodec-2-enyloxy)isohexyloxy-

<b>Inchi:</b>	InChI=1S/C20H42O2Si/c1-6-7-8-9-10-11-12-13-14-15-18-21-23(4,5)22-19-16-17-20(2)3/
<b>InchiKey:</b>	CELKORQMPNSHOI-CCEZHUSRSA-N
<b>Formula:</b>	C20H42O2Si
<b>SMILES:</b>	CCCCCCCCC=CCO[Si](C)(C)OCCCC(C)C
<b>Mol. weight [g/mol]:</b>	342.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.61		Crippen Method
logp	6.855		Crippen Method
rinpol	2027.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U348067&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U348067&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/13-609-1/Silane-dimethyl-dodec-2-enyloxy-isohexyloxy.pdf>

Generated by Cheméo on 2024-05-03 01:26:36.980086998 +0000 UTC m=+16988845.900664313.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.